

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2008 Levee Inspection Results**

**Reclamation District No. 1602**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet  
Spring 2008 Levee Inspection Results  
Reclamation District No. 1602**

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Left	6.30

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/22/2008			
DWR Inspector	Richard Willoughby			
Accompanied By				
Unit Maintenance Rating (Fall Only)				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

## Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000.


X

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2008**

**Reclamation District No. 1602**

Waterway						Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River						Left	6.30	04/22/2008	Richard Willoughby

  

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.00	0.11	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: Animal pens across levee crown	37.476560 ° -121.083862 °	37.477295 ° -121.082087 °	Y	1
2	0.11	0.11	Earthen Levee	Repair Gates	CR	A	Inspector Comments: Lock missing no access	37.477298 ° -121.082093 °	37.477298 ° -121.082093 °		2
3	0.11	0.58	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.477257 ° -121.081990 °	37.480287 ° -121.074922 °		6
4	0.11	0.58	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.477257 ° -121.081990 °	37.480288 ° -121.074923 °		7
5	0.11	0.58	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	37.477257 ° -121.081990 °	37.480287 ° -121.074920 °	Y	5
6	0.11	1.12	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Several borrows at this location	37.477257 ° -121.081990 °	37.478440 ° -121.066935 °	Y	8
7	0.11	6.27	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.477298 ° -121.082093 °	37.429072 ° -121.029832 °		3
8	0.11	6.27	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.477298 ° -121.082093 °	37.429072 ° -121.029832 °		4
9	0.58	3.70	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Keep the crown roadway free of vegetation.	37.480288 ° -121.074923 °	37.456392 ° -121.044537 °		10
10	1.02	1.02	Interior Drainage & Piping Systems	Encroachments	WS	M	Inspector Comments: Installation is incorrect and type of pipe (PVC)	37.478838 ° -121.068707 °	37.478838 ° -121.068707 °	Y	9
11	1.64	1.64	Earthen Levee	Encroachments	WS	M	Prunings	37.477498 ° -121.058570 °	37.477498 ° -121.058570 °		11
12	2.44	2.46	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.470258 ° -121.051638 °	37.470157 ° -121.051398 °		12
13	3.70	3.88	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.456373 ° -121.044507 °	37.454028 ° -121.043032 °		14
14	3.70	3.88	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	37.456373 ° -121.044507 °	37.454030 ° -121.043027 °		13
15	3.70	3.88	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.456377 ° -121.044507 °	37.454025 ° -121.043027 °		15
16	3.88	5.97	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Keep the crown roadway free of vegetation.	37.454035 ° -121.043023 °	37.432398 ° -121.026383 °		16
17	4.52	4.54	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.446352 ° -121.037877 °	37.445928 ° -121.037792 °		17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2008**

**Reclamation District No. 1602**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 01 San Joaquin River							Left	6.30	04/22/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
18	4.92	5.10	Earthen Levee	Encroachments	LS	M	Prunings	37.440943 ° -121.036950 °	37.438473 ° -121.037173 °		18
19	5.10	5.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.438428 ° -121.037197 °	37.437788 ° -121.037028 °		19
20	5.21	5.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.437015 ° -121.036787 °	37.436835 ° -121.036703 °		20
21	5.28	5.34	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.436155 ° -121.036153 °	37.435442 ° -121.035380 °		21
22	5.33	5.33	Earthen Levee	Encroachments	LS	M	Prunings	37.435535 ° -121.035427 °	37.435535 ° -121.035427 °		23
23	5.34	5.34	Earthen Levee	Encroachments	LS	M	Agricultural tilling	37.435508 ° -121.035385 °	37.435508 ° -121.035385 °	Y	22
24	5.36	5.36	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.435223 ° -121.035318 °	37.435223 ° -121.035318 °		24
25	5.38	5.38	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.434953 ° -121.035183 °	37.434953 ° -121.035183 °		25
26	5.49	5.49	Earthen Levee	Encroachments	WS	M	Prunings	37.433767 ° -121.033977 °	37.433767 ° -121.033977 °		26
27	5.51	5.52	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.433563 ° -121.033742 °	37.433435 ° -121.033588 °		27
28	5.55	5.86	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.433188 ° -121.033110 °	37.433025 ° -121.027568 °		28
29	5.69	5.69	Earthen Levee	Trim / Thin Trees	CR	M	Trim trees over roadway to at least 12 feet above ground level.	37.432972 ° -121.030633 °	37.432972 ° -121.030633 °		29
30	5.84	5.86	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.432995 ° -121.027977 °	37.433018 ° -121.027627 °		30
31	5.91	5.91	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.433092 ° -121.026663 °	37.433092 ° -121.026663 °		31
32	5.94	5.94	Earthen Levee	Encroachments	WS	M	Prunings	37.432822 ° -121.026172 °	37.432822 ° -121.026172 °		32
33	6.21	6.21	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.429815 ° -121.029087 °	37.429815 ° -121.029087 °		33

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Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.30	04/22/2008	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.11
Location	
Category	Earthen Levee
Item	Encroachments
Looking at animal pens on crown of levee from LM 0.00 to 0.11	



Levee Mile Report Line	5
Start Levee Mile	0.11
End Levee Mile	0.58
Location	
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Vegetation overgrown of levee crown from LM 0.11 to 0.58	



Levee Mile Report Line	6
Start Levee Mile	0.11
End Levee Mile	1.12
Location	
Category	Earthen Levee
Item	Animal Control
Typical picture of animal borrows on landward slope from LM 0.11 to 0.58	

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Unit No. 01 San Joaquin River	Left	6.30	04/22/2008	Richard Willoughby

Levee Mile Report Line	10
Start Levee Mile	1.02
End Levee Mile	1.02
Location	
Category	Interior Drainage & Piping Systems
Item	Encroachments
PVC sleeve through steel pipe on waterward slope at LM 1.02	



Levee Mile Report Line	10
Start Levee Mile	1.02
End Levee Mile	1.02
Location	
Category	Interior Drainage & Piping Systems
Item	Encroachments
PVC pipe connected to steel pipe on landward toe at LM 1.02	



Levee Mile Report Line	23
Start Levee Mile	5.34
End Levee Mile	5.34
Location	
Category	Earthen Levee
Item	Encroachments
Landowner discing into landward toe at LM 5.34	

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